## WHAT IS CLAIMED IS:

- 1. A polymer composition:
- a first component being a hydroxy-functional polymer;
- a second component being a natural polymer; and
- a third component being a thermoplastic polyester, wherein the first component, second component and third component are combined to form the polymer composition.
- A polymer composition as set forth in Claim 1 wherein
   the natural polymer is starch.
  - 3. A polymer composition as set forth in Claim 2 wherein the starch is granular.
  - 4. A polymer composition as set forth in Claim 1 wherein the hydroxy-functional polymer is a poly(hydroxy ester ether)(PHEE).
- 5. A polymer composition as set forth in Claim 1 wherein the thermoplastic polyester is one from a group comprising poly(lactic acid), cellulose acetate, polycaprolactone, polyhydroxy(butyrate-co-valerate)(PHBV), poly(butylene succinate adipate), poly(butylene succinate), aliphatic-aromatic copolymer, and poly(ethylene terphathalate)(PET).

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6. A polymer composition as set forth in Claim 1 wherein the second component is present in an amount up to about 74 wt.%.

- 7. A polymer composition as set forth in Claim 1 wherein the first component is present in an amount up to about 40 wt.%.
- 8. A polymer composition as set forth in Claim 1 wherein the third component is present in an amount up to about 80 wt.%.
  - 9. A polymer composition as set forth in Claim 1 including a fourth component from a group comprising an external lubricant, nucleating agent and plasticizer.
  - 10. A polymer composition as set forth in Claim 1 wherein the natural polymer has a moisture content of less than about 15 wt.%.
  - 11. A polymer composition as set forth in Claim 1 wherein the polymer composition is biodegradable.
  - 12. A polymer composition as set forth in Claim 1 wherein the polymer composition is processed into an article that keeps its shape at temperatures of up to and more than about 100°C.
  - 13. A polymer composition as set forth in Claim 1 wherein the polymer composition is annealed to increase high temperature stability.
    - 14. An article comprising:

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- a first component being a hydroxy-functional polymer;
- a second component being a natural polymer;

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- 15. An article as set forth in Claim 14 wherein the natural polymer is starch.
- 16. An article as set forth in Claim 15 wherein the starch is granular.
- 17. An article as set forth in Claim 14 wherein the hydroxy-functional polymer is a poly(hydroxy ester ether)(PHEE).
- An article as set forth in Claim 14 wherein the 18. comprising group from a thermoplastic polyester one is polycaprolactone, acetate, cellulose acid), poly(lactic polyhydroxy(butyrate-co-valerate)(PHBV), poly(butylene succinate adipate), poly(butylene succinate), aliphatic-aromatic copolymer, and poly(ethylene terphathalate)(PET).
- 19. An article as set forth in Claim 14 wherein the second component is present in an amount up to about 74 wt.%.
- 20. An article as set forth in Claim 14 wherein the first component is present in an amount up to about 40 wt.%.

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and

- 21. An article as set forth in Claim 14 wherein the third component is present in an amount up to about 80 wt.%.
- 22. An article as set forth in Claim 14 including a fourth component is one from a group comprising an external lubricant, nucleating agent and plasticizer.
  - 23. An article as set forth in Claim 14 wherein the article keeps its shape at temperatures of up to and more than about 100  $^{\circ}\text{C}$ .
  - 24. An article as set forth in Claim 14 wherein the article is biodegradable.
  - 25. An article as set forth in Claim 14 wherein the natural polymer has a moisture content of less than about 12 wt.%.
- 26. A method of making a polymer composition, said method comprising the steps of:

providing a first component being a hydroxy-functional
polymer;

providing a second component being a natural polymer; providing a third component being a thermoplastic polyester;

combining the components to form a polymer composition.

- 27. A method as set forth in Claim 26 including the step of mixing the first component, second component, and third component together to form a mixture prior to said step of combining.
- 28. A method as set forth in Claim 26 including the step of forming strands of the polymer composition.
- 29. A method as set forth in Claim 26 including the step of extruding the polymer composition.
  - 30. A method as set forth in Claim 26 including the step of pelletizing the polymer composition to form pellets.
  - 31. A method as set forth in Claim 26 wherein said step of providing comprises providing the third component in an amount up to about 80 wt. %.
- 32. A method as set forth in Claim 26 including the step of providing the first component in an amount up to about 40 wt.%.
- 33. A method as set forth in Claim 26 including the step of providing the second component in an amount up to about 74 wt.%.
  - 34. A method as set forth in Claim 26 wherein the natural polymer of the second component is starch.

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- 35. A method as set forth in Claim 26 wherein the hydroxy-functional polymer is a poly(hydroxy ester ether)(PHEE).
- 36. A method as set forth in Claim 26 wherein the thermoplastic polyester is one from a group comprising poly(lactic acid), cellulose acetate, polycaprolactone, polyhydroxy(butyrate-co-valerate)(PHBV), poly(butylene succinate adipate), poly(butylene succinate), aliphatic-aromatic copolymer, and poly(ethylene terphathalate)(PET).
  - 37. A method as set forth in Claim 26 including the step of providing a fourth component being one from a group comprising an external lubricant, nucleating agent and plasticizer.
  - 38. A method as set forth in Claim 27 wherein said step of combining comprises compounding the mixture from about  $120^{\circ}\text{C}$  to about  $190^{\circ}\text{C}$ .
- 39. A method as set forth in Claim 27 wherein said step of combining comprises compounding the mixture in an extruder.
  - 40. A method as set forth in Claim 26 wherein the polymer composition is biodegradable.
- 25 41. A polymer composition:
  - a first component being a hydroxy-functional polymer;
  - a second component being a natural polymer; and

a third component being a thermoplastic polyester, wherein the first component, second component and third component are combined to form the polymer composition and wherein the hydroxy-functional polymer is a poly(hydroxy ester ether) (PHEE) in an amount of about 1 wt.%.